

AN IMPROVEMENT ON AN INJECTION MOLDING MACHINE

ABSTRACT

5 An injection molding machine includes a stationary wall for a first mold part to be secured thereto, a movable wall for a second mold part to be secured thereto, and oil cylinders for displacing the movable wall relative to the stationary wall with; the oil cylinders are secured to one side of the stationary wall at tube portions with output rods thereof being
10 projected from the other side of the stationary wall and connected to the movable wall to replace conventional guiding rods; each oil cylinder has a piston, and a subsidiary rod having substantially the same diameter as the output rods; each piston has first and second sides; the output rods are connected to the first sides of the pistons; the subsidiary rods are
15 connected to the second sides of the pistons and can pass through caps of the cylinder tube portions; thus, both sides of each piston have the same area.